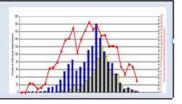
TADO TLU REPORT



2009-2010 Pandemic Influenza Season
Reporting through the week ending May 1, 2010
(All data are provisional and may change as more reports are received.)

Overview: Surveillance for the 2009–2010 Influenza Season officially began on August 30, 2009. The Colorado Flu Report is published weekly to provide a concise and up to date overview of influenza activity in the State of Colorado. Current surveillance activities include: reporting of hospitalizations and deaths due to influenza, monitoring influenza-like illness (ILI) visits at sentinel provider sites, reporting of influenza testing activities by sentinel labs, and describing the distribution of viral strains circulating in the state through molecular typing at the state public health laboratory.

Case Reporting Definitions: From August 30, 2009 through January 9, 2010 all hospitalized influenza cases with <u>any positive influenza test</u> were counted as cases. Due to low influenza activity and the concern of false positives results from rapid antigen tests, as of January 10, 2010, influenza-associated hospitalizations were counted as cases only if they were positive by PCR, DFA or viral culture.

Synopsis: Influenza activity remained at a low level similar to recent weeks, based primarily on hospitalizations, the level of influenza-like activity and sentinel laboratory testing data. Embedded links will access tables and graphs from the most current week.

- For the week ending 5/1 there were three new influenza-associated hospitalizations reported 2 from the current week and one from a previous week, bringing the cumulative total to 2,041 hospitalizations from 54 counties.
 - http://www.cdphe.state.co.us/dc/Influenza/09 10 hospital.pdf
 - http://www.cdphe.state.co.us/dc/Influenza/09 10%20Hospitalizations%20by%20County.pdf
 - http://www.cdphe.state.co.us/dc/Influenza/09-10%20Hospitalized%20by%20age.pdf
- No new adult or pediatric deaths were reported for the week ending 5/1. A cumulative number of 69 deaths (12 pediatric and 57 adult) have been reported this season. Of the 69 deaths 84% had underlying condition.
 - http://www.cdphe.state.co.us/dc/Influenza/09-10 Deaths Linelist.pdf
- Influenza-Like Illness levels from Kaiser Permanente for the Denver-Boulder metropolitan area continues to be below 1.0%.
 - http://www.cdphe.state.co.us/dc/Influenza/09-10%20KP%20ILI.pdf
- Sentinel labs (16/18 reporting) tested 155 specimens and 2.6% were positive. Caution should be used when interpreting these data based on the decreasing volume of testing and the substantial likelihood of false positive results currently with use of rapid flu tests. There were two new specimens that tested positive by PCR for influenza virus A (H1N1) at the state laboratory. Overall, 99.9% of all subtypeable influenza specimens have been the pandemic H1N1 virus.
 - http://www.cdphe.state.co.us/dc/Influenza/09 10%20Sentinel%20Labs.pdf http://www.cdphe.state.co.us/dc/Influenza/09-10%20PCR%20results.pdf
- School ILI Absenteeism Surveillance continues to show low ILI absenteeism. http://www.cdphe.state.co.us/dc/Influenza/Summary%20Absenteeism.pdf

This is the final weekly Colorado Flu Report of this season.

A Summary Report is in preparation and will be posted when complete.